

Date: Thursday, 5/24/2007 10:36:58 AM  
 User: Eric Charbonneau

## Process Sheet

Customer : CC-DAR01 Dart Aerospace Ltd.  
 Job Number : 00082A  
 Estimate Number : 10068  
 P.O. Number :  
 This Issue : 5/24/2007 S.O. No. :  
 Prsht Rev. : NC  
 First Issue : / / Type : R & D LG FAB  
 Previous Run : 00081A

Drawing Name

: INITIAL PROTOTYPE TEMPLATE

03564-5, Rev C

RH  
07.06.05

Part Number

: INITIAL PROTOTYPE

Drawing Number

Project Number : WP0002

Drawing Revision

Material

Due Date

: 9/25/2006

Qty:

1 U/m:

Each

Written By :  
 Checked & Approved By :  
 Comment : Project #:   
 Description:   
 \_\_\_\_\_

Additional Product

Job Number:



Seq. #:

Machine Or Operation:

Description :

1.0

MFG ENGINEERING

MFG ENGINEERING



Comment: MFG ENGINEERING

Manufacture Prototype as per Dwg's Supplied By Engineering

Comments:

- Cut as per Dwg 03564 prot. ml 10/18/03
- QC 2 ml 07/05/25
- QC 8
- Band SB 07/05/30
- To be kept in engineering lab.
- RH  
07.06.05

2.0

PG

PURCHASING



Comment: PURCHASING

Attached certificate of conformity for raw material and subcomponents use for this w/o

C'd 07/06/06

QC 21 final inspection w/o release

07/06/06



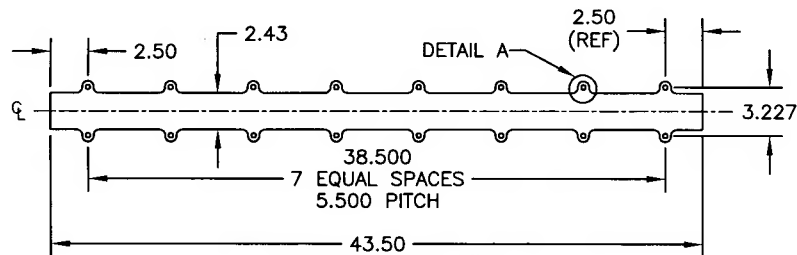
Job/Project Number: 00082

Design Engineer/Project Manager Signature: PH Date: 07.05.24

Design Manager Signature: Date:

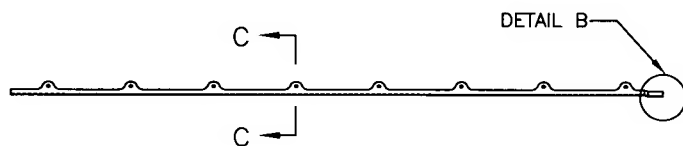
### PROTOTYPE REQUEST FORM

Item	Part Number	Drawing Number Date	Qty	Material Cert Required (Y/N)	Due Date	Complete Date	Comments
1	D3564-5	D3564, REV C, DATED 07.04.17, PRELIMINARY	1	N	07.05.24	07.06.05 RL	WATERJET AND BEND ONLY, NO PAINT, RETURN TO PH

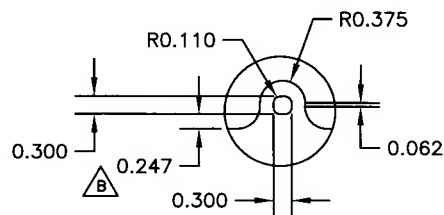


**D3564-5F FLAT PATTERN**

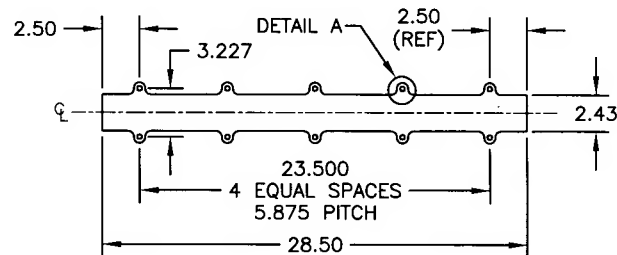
THIS ONE ONLY



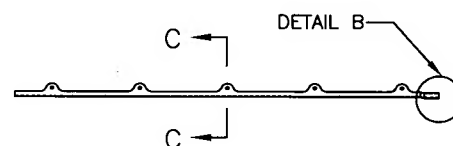
**D3564-5 BENDING DETAIL**  
(MAKE D3564-5 FROM D3564-5F)



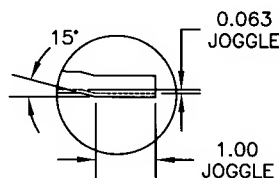
**DETAIL A**  
SCALE 1:2



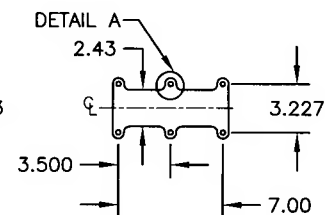
**D3564-7F FLAT PATTERN**



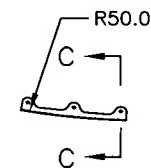
**D3564-7 BENDING DETAIL**  
(MAKE D3564-7 FROM D3564-7F)



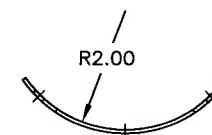
**DETAIL B**  
SCALE 1:2



**D3564-13F FLAT PATTERN**



**D3564-13 BENDING DETAIL**  
(MAKE D3564-13 FROM D3564-13F)



**SECTION C-C**  
SCALE 1:2

**PRELIMINARY ISSUE**  
07.05.24 PH

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DATE 07.04.17		TITLE WEARSHOE		SCALE 1:8	

MATERIAL: A151 304/316 16 GAUGE (0.063 THICK)  
(M304S16GA)

DART AEROSPACE LTD		Work Order: 00082A
Description: <del>Beapaw</del> Initial Prototype Template		Part Number: Prototype
Inspection Dwg:	Rev:	Page 1 of 1

### FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article ☐ Prototype

Inspection Sheet Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
A 0.300	+/-0.010	0.300	✓		vern	
B 0.300	+/-0.010	0.300	✓		vern	
C 43.50	+/-0.030	43.50	✓		measuring tape	
D 3.221	+/-0.010	3.230	✓		vern	
E 2.43	+/-0.030	2.436	✓		vern	
F 5.500	+/-0.010	5.506	✓		vern	
G						
H						
I						
J						
K						
L						
M						
N						
O						
P						
Q						
R						
S						
T						
U						
V						
W						
X						
Y						

Measured by: <i>MM</i>	Audited by:	Prototype Approval:	N/A
Date: 070525	Date:	Date:	N/A

Rev	Date	Change	Revised by	Approved
A	04.01.09	New Issue	KJ/RF	



NORTH AMERICAN STAINLESS CANADA, INC.

METALLURGICAL TEST REPORT  
 18 MAR 2006  
 NORTH AMERICAN STAINLESS CANADA  
 740 IMPERIAL ROAD NORTH  
 GUELPH, ON N1K1Z3

Customer: 007035 002

Call center: 5551 2 Mail box

Ship to:

Date: 3/15/2006 Page: 1

Steel: 304

Finish: 2B

Your Order: 75-02485

Has order: EN 0000217 02

**PRODUCT DESCRIPTION:**

STAINLESS STEEL COIL, COLD ROLLED, ANNEALED AND PICKLED.  
 ASTM A240/05A, 480/05, 666/03, ASME SA240/04-A05, 480/04-A05, SA666/04  
 Q6876D-A X NO PW, AMESSTEEN X WICKETIN, MIL5055D, AHD1, X CHAN HENG  
 NEW PURCHASING SPEC. REVISED 8/97  
 Material free from mercury contamination. No weld repairs.  
 EN 10204 3.1 END 97/23/EC Annex I, Para. 6.3 Q68763P Cond A  
 Manufactured in Korea-Compliant

**REMARKS:**

Corrosion: ASTM A262/02A1, 100hrnd-CX

Product ID	Coil #	Thickness	Width	Weight	Length	Mark	Plates	Commodity Code
0391M2 A		0.0575	48.0000	15.420 COIL				

**CHEMICAL ANALYSIS**

CM(Country of Mfg) ES(Spec) US(United States)

Base	CM	C	CH	CU	MM	MO	N	NI	P	S	SI
91M2	US	.056	18.008	.302	1.709	.258	.067	8.151	.027	>	.001 .325

**MECHANICAL PROPERTIES**

Product ID	Coil #	1 d	0.1	0.2	DES	.2% VS	ELONG	RD	Hard
0391M2 A									

93.65 42.28 56.14 81.50 86.00

RECEIVED  
 1 MAR 16 2006  
 BY

ERIC HESS

QC ENGINEER

3/15/2006